

FORM PTO-1449
(REV. 7-80)INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
SAB92-01A2ASERIAL NO. ~~CIP OF~~
~~08/887,178~~ 09/205,945APPLICANT
Steven A. Bogen et al.

FILING DATE 12/04/98

GROUP 1743

U.S. PATENT DOCUMENTS

| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|-------------------------------|----|-----------------|----------|------------------------|----------------------|-----------------------|----------------------------------|
| 1.1. | AA | 3,768,704 | 10-30-73 | Beguin | 222 | 207 | |
| | AB | 3,955,930 | 05-11-76 | Shapiro | 422 23 | 50 253 | |
| | AC | 4,095,722 | 06-20-78 | Miller | 222 | 1 | |
| | AD | 4,130,224 | 12-19-78 | Norman et al. | 222 | 207 185 | |
| | AE | 4,268,226 | 05-19-81 | Morris | 417 | 332 | |
| | AF | 4,334,640 | 06-15-82 | van Overbruggen et al. | 222 | 207 | |
| | AG | 4,526,294 | 07-02-85 | Hirschmann et al. | 222 | 47 | |
| | AH | 4,690,005 | 09-01-87 | Tervamaki et al. | 73 | 864.12 | |
| | AI | 4,760,939 | 08-02-88 | Ball et al. | 222 | 23 | |
| | AJ | 4,844,868 | 07-04-89 | Rokugawa | 422 | 64 | |
| | AK | 4,846,636 | 07-11-89 | Danby et al. | 417 | 413.1 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|------|----|-----------------|----------|---------|-------|---------------|-----------------------|
| 1.1. | AL | 0 201 780 | 11-20-86 | EPO | | | X |
| | AM | WO94/29187 | 12-22-94 | Europe | | | |
| | AN | 0 167 274 | 01-08-86 | Europe | | | |
| | AO | 0 268 237 | 05-25-88 | Europe | | | |
| | AP | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|------|----|---|
| 1.1. | AR | Brochure, IDX 2000 Automated Immunohistochemistry System, Immunodiagnosics, Inc., 1990, 4 pages |
| | AS | Strose, W.P., et al., "Automation of APAAP Immunocytochemical Technique," J. Clin. Pathol., 42:106-112 (1989). |
| | AT | Stark, E., et al., "An Automated Device for Immunocytochemistry," Journal of Immunological Methods, 107:89-92 (1988). |

EXAMINER

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| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIA TE |
|-------------------------------|-----|-----------------|----------|------------------------|-------|---------------|--------------------------------------|
| 1.1. | AA2 | 4,967,940 | 11-06-90 | Blette et al. | 222 | 214 | |
| | AB2 | 4,974,754 | 12-04-90 | Wirz | 222 | 207 | |
| | AC2 | 5,100,030 | 03-31-92 | Roggenburg, Jr. et al. | 222 | 181 | |
| | AD2 | 5,232,664 | 08-31-93 | Krawzak et al. | 422 | 64 | |
| | AE2 | 5,316,452 | 05-31-94 | Bogen et al. | 417 | 412 | |
| | AF2 | 5,645,114 | 07-08-97 | Bogen et al. | 141 | 145 | |
| | AG2 | 3,853,092 | 12-10-74 | Amos et al. | 118 | 56 | |
| | AH2 | 4,043,292 | 08-23-77 | Rogers et al. | 118 | 667 | |
| | AI2 | 4,092,952 | 06-06-78 | Wilkie et al. | 118 | 58 | |
| | AJ2 | 4,224,032 | 09-23-80 | Glover et al. | 430 | 416 | |
| | AK2 | 4,358,470 | 11-09-82 | Rasmussen | 427 | 4 | |
| | AA3 | 4,543,236 | 09-24-85 | von Gise | 422 | 50 | |
| | AB3 | 4,537,561 | 08-27-85 | Xanthopoulos | 417 | 63 | |
| | AC3 | 4,731,335 | 03-15-88 | Brigati | 436 | 180 | |
| | AD3 | 4,741,259 | 05-03-88 | Ogata, et al. | 99 | 279 | |
| | AE3 | 4,764,342 | 08-16-88 | Kelln et al. | 422 | 72 | |
| | AF3 | 4,798,580 | 01-17-89 | DeMeo, et al. | 604 | 30 | |
| | AG3 | 4,824,337 | 04-25-89 | Lindner, et al | 417 | 417 | |
| + | AH3 | 4,838,887 | 06-13-89 | Idriss | 604 | 891.1 | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1.1. AU MaWhinney, W.H.B., et al., "Automated Immunochemistry," J. Clin. Pathol., 43(7):591-596 (1990).

EXAMINER

J. Smith

DATE CONSIDERED

04/18/00

| PTO-1449 REPRODUCED | | | | ATTORNEY DOCKET NO. SAB92-01A2A | | APPLICATION NO. EIP OF <u>08/887,178-09/205,945</u> | |
|---|-----------------|-----------------|----------------------|-------------------------------------|------------|---|----------------------------------|
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | | | APPLICANT Steven A. Bogen et al. | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
| <u>1.</u> | AI3 | 4,846,797 | 07-11-89 | Howson et al. | 604 | 154 | |
| <u>/</u> | AJ3 | 4,847,208 | 07-11-89 | Bogen | 436 | 174 | |
| | AK3 | 4,933,146 | 06-12-90 | Meyer et al. | 422 | 63 | |
| | AA4 | 4,985,206 | 01-15-91 | Bowman et al. | 422 | 99 | |
| | AB4 | 5,049,359 | 09-17-91 | Azuma et al. | 422 | 67 | |
| | AG4 | 5,073,504 | 12-17-91 | Bogen | 436 | 174 | |
| | AD4 | 5,231,029 | 07-27-93 | Wooton et al. | 435 | 283 <u>303.2</u> | |
| | AE4 | 5,246,665 | 09-21-93 | Tyranski et al | 422 | 64 | |
| | AF4 | 5,425,918 | 06-20-95 | Healey et al. | 422 | 64 | |
| | AG4 | 5,439,649 | 08-08-95 | Tseung et al. | 422 | 99 | |
| | AB 4 | 5,475,610 | 12-12-95 | Atwood et al. | 364 | 500 | |
| | AI4 | 5,595,707 | 01-21-97 | Copeland et al | 422 | 64 | |
| | AJ4 | 3,164,304 | 01-05-65 | Jager et al. | <u>222</u> | <u>192</u> | |
| | AK4 | 3,850,190 | 11-26-74 | Carlson | 137 | 218 | |
| | AA5 | 4,141,474 | 02-27-79 | Nilson | 222 | 493 | |
| | AB5 | 4,220,285 | 09-02 -80 | Gualdi | 239 | 309 | |
| | AC5 | 4,699,300 | 10-13-87 | Blake | 222 | 494 | |
| | AD5 | 5,320,845 | 06-14-94 | Py | 424 | 427 | |
| | AE5 | 5,551,487 | 09-03-96 | Gordon et al. | 141 | 1 | |
| EXAMINER <u>J. M. B.</u> | | | | DATE CONSIDERED <u>04/18/00</u> | | | |